

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: 10/721,670  
Applicant: Sanae Asayama, et al  
Filed: November 25, 2003  
Title: MIXER CIRCUIT AND HIGH FREQUENCY SIGNAL  
RECEIVER USING THE SAME  
TC/A.U.: 2821  
Examiner:  
Confirmation No.: 5963

**SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the reference listed on the PTO 1449 (RP) submitted herewith. A copy of the listed reference is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee is required. 37 C.F.R. § 1.97(b). Furthermore, all of the references disclosed herein were cited in a search report from a foreign patent office in a counterpart foreign application within the last three months. Accordingly, a certification, as specified in 37 C.F.R.

§ 1.97(c), is provided herewith. Therefore, no fee is required, even if an Official Action has been mailed.

CERTIFICATION

The undersigned, an attorney registered to practice before the U.S. Patent and Trademark Office, hereby certifies that each reference disclosed in the subject Supplemental Information Disclosure Statement was first cited in any communication (i.e., a search report) from a foreign patent office in a counterpart foreign application not more than three months before the filing of the Supplemental Information Disclosure Statement.

Respectfully submitted,

  
Lawrence E. Ashery, Reg. No. 34,515  
Attorney for Applicant

LEA:dIm

Enclosures: PTO Form 1449  
(5) References  
Search Report

Dated: March 26, 2004

P.O. Box 980  
Valley Forge, PA 19482-0980  
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

March 26, 2004  
Danielle Murphy

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Substitute for Form 1449A/PTO

Complete if Known

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 1 of 2

Application Number	10/721,670
Filing Date	November 25, 2003
First Named Inventor	S. Asayama et al.
Art Unit	2821
Examiner Name	
Attorney Docket No.	MAT-8491US

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-5,483,695	1/9/1996	Pardoen	col. 6, line 58 - col. 7, line 22; Fig. 4
		US-6,194,947	2/27/2001	Lee et al.	col. 3, line 4 - col. 5, line 48; Figs. 2, 3
		US-6,385,442	5/7/2002	Vu et al.	col. 3, line 63 - col. col. 6, line 31; Fig. 4
		US-5,708,383	1/13/1998	Lee	col. 4, line 18 - line 33; Fig. 4
		US-6,335,952	1/1/2002	Lee et al.	col. 7, line 66 - col. 8, line 32; Figs. 8, 13
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## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
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Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

***(Use as many sheets as necessary)***

**Complete if Known**

Application Number	10/721,670
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<b>Filing Date</b>	<b>November 25, 2003</b>
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First Named Inventor	S. Asayama et al.
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Art Unit	2821
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Examiner Name \_\_\_\_\_

**SHEET 2 of 2**

Attorney Docket No.	MAT-8491US
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## NON-PATENT LITERATURE DOCUMENTS

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Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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